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PATENT
Atty Docket: P71272US0

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Kent Erik MATTSSON et al.

Group Art Unit: Unassigned

Examiner: Unassigned

Serial No.: 10/579,244

Filed: May 12, 2006

For: **LOW LOSS SILICON OXYNITRIDE OPTICAL WAVEGUIDE, A METHOD OF ITS
MANUFACTURE AND AN OPTICAL DEVICE**

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97**

Mail Stop Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

As a means of complying with the duty of disclosure under 37 CFR §1.56, and in accordance with 37 CFR §§1.97 and 1.98, Applicant(s), through the undersigned attorney, submits this Information Disclosure Statement. The patents, publications or other information submitted herewith are listed on the attached Form PTO-1449 and copies are attached, excluding U.S. patents and U.S. patent application publications. English abstract translations for Japanese Patent Nos. JP 2000091079 A, JP 11109158 A and JP 09080247 A are attached. European Patent Nos. EP 1 302 792 A2 corresponds to U.S. Patent Application Publication No. 2003/0070451 A1, EP 1 295 963 A2 corresponds to U.S. Patent No. 6,716,476 and EP 1 273 677 A2 corresponds to U.S. Patent No. 6,887,514 B2. The patents and publications listed on Form PTO-1449 were cited in the specification and/or an International Search Report (ISR). A copy of the ISR is enclosed.

The Examiner is requested to consider these references and make them of record in the file of this application.

In accordance with 37 CFR §1.97(b)(3), this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits of the above-identified application. Accordingly, it is respectfully submitted that no fee is required by the filing of this Information Disclosure Statement.

Respectfully submitted,
JACOBSON HOLMAN PLLC

By: Harvey B. Jacobson, Jr.
Harvey B. Jacobson, Jr.
Registration No. 20,851

Customer No. 00136
400 Seventh Street, N.W.
Washington, D.C. 20004
(202) 638-6666
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Application No.:	10/579,244
Filing Date:	May 12, 2006
Inventor:	Kent Erik MATTSSON
Art Unit:	Unassigned
Examiner:	Unassigned

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date	Name of Patentee or Applicant	Relevant Pages, Cols, Lines, Figs.
AA	US-6,408,125 B1	06/18/02	Akwani et al.		
AB	US-2002/0154878 A1	10/24/02	Akwani et al.		
AC	US-2002/0182342 A1	12/05/02	Ouellet et al.		
AD	US-2002/0194876 A1	12/26/02	Bona et al.		
AE	US-2002/0178760 A1	12/05/02	Bona et al.		
AF	US-2003/0021578 A1	01/30/03	Zhong et al.		
AG	US-2003/0070451 A1	04/17/03	Ouellet et al.		
AH	US-6,716,476 B2	04/06/04	Ouellet et al.		
AI	US-6,887,514 B2	05/03/05	Ouellet et al.		

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Country Code + Number	Publication Date	Name of Patentee or Applicant	Relevant Pages, Cols, Lines, Figs.	Translation
AJ	WO 99/44937 A1	09/10/99	IBM Corp.			
AK	WO 01/64594 A1	09/07/01	IBM Corp.			
AL	WO 02/35265 A2	05/02/02	Corning Inc.			
AM	JP 2000091079 A	03/31/00	TDK Corp.			Abstract
AN	JP 11109158 A	04/23/99	Hitachi Cable Ltd.			Abstract
AO	JP 09080247 A	03/28/97	Hitachi Cable Ltd.			Abstract
AP	EP 1 295 963 A2	03/26/03	Dalsa Semiconductor Inc.			Equivalent
AQ	EP 1 273 677 A2	01/08/03	Zarlink Semiconductor Inc.			Equivalent
AR	EP 1 302 792 A2	04/16/03	Dalsa Semiconductor Inc.			Equivalent

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of author in CAPS; title of article; title of book, magazine, journal etc.; date; page(s); volume/issue number(s); publisher; city and/country where published.
	AS	Chelnokov, A.V., et al., "Deep high-dose erbium implantation of low-loss silicon oxynitride waveguides", Electronic Letters, Vol. 30, No. 22, October 27, 1994, pp. 1850-1852
	AT	Germann, R., et al., "Silicon oxynitride layers for optical waveguide applications", Journal of Electrochemical Society, Vol. 147, No. 6, June 2000, pp. 2237-2241 (XP009016715)
	AU	Albers, H., et al., "Reduction of hydrogen induced losses in PECVD-SiO _x N _y optical waveguides in the near infrared", IEEE Lasers and Electro-Optics Society 1995 Annual Meeting, 8 th Annual Meeting
Examiner Signature		Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.